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## FISCAL IMPACT REPORT

ORIGINAL DATE 2/12/2007

SPONSOR Heaton LAST UPDATED \_\_\_\_\_ HB 795

SHORT TITLE NM Tech Math & Engineering Career Prep SB \_\_\_\_\_

ANALYST McOlash

### APPROPRIATION (dollars in thousands)

Appropriation		Recurring or Non-Rec	Fund Affected
FY07	FY08		
	\$35.0	Recurring	General Fund

(Parenthesis ( ) Indicate Expenditure Decreases)

Relates to HB 897, HB 795, HB 20, HB 45, HB 109, HB 111, HB 129, HB 147, HB 220, HB 225, HB 369, HB 367, HB 367, SB 024, SB 29, SB 032, SB 40, SB 75, SB 131, SB 140, SB 253, SB 256, SB 358

### SOURCES OF INFORMATION

LFC Files

#### Responses Received From

New Mexico State University (NMSU)  
Public Education Department (PED)  
Higher Education Department (HED)

### SUMMARY

#### Synopsis of Bill

House Bill 795 appropriates \$35,000 from the General Fund to the NM Tech Regents for expenditure in FY 2008 for an organization dedicated to preparing students for careers in mathematics, engineering, and the sciences. The funding shall also be used in partnership with the NMSU Center for Environmental Monitoring in Carlsbad to develop energy curriculum and a one-week in-depth program.

### FISCAL IMPLICATIONS

The appropriation of \$35,000 contained in this bill is a recurring expense to the General Fund. Any unexpended or unencumbered balance remaining at the end of FY 2008 shall revert to the General Fund.

## **SIGNIFICANT ISSUES**

The organization dedicated to preparing students for careers in mathematics, engineering, and the sciences appears to be the NM Math Engineering Science Academy (NM MESA), a nonprofit organization that is part of a national initiative promoting educational enrichment for students who are underrepresented in higher education. A year-round program prepares students for careers in mathematics, engineering, science, and related fields and serves students statewide. MESA students receive enrichment experiences and practical assistance such as tutoring, career counseling, field trips, college visits, parent and leadership workshops, ACT and SAT preparation workshops, summer enrichment classes, and scholarship opportunities

The one-week Summer of Science Energy Program is a pilot program to expose students in the southeast region of the state, an area rich in oil and gas as well as nuclear power (in Eunice), to energy-related fields. The long-term perspective is to equip these students to work in the local energy industry.

This request was not submitted by NMSU-Carlsbad or NM Tech to HED for review and is not included in the Department's funding recommendation for FY08.

The Executive recommendation does include \$2,000,000 for Summer Reading, Math and Science Institutes.

## **RELATIONSHIP**

The General Appropriation Act (SB 2/HB 7) includes a state appropriation of \$180,000 to NM Tech for Minority, Engineering, Math and Science Program.

House Bill 897 appropriates \$211,000 from the General Fund to the Regents of New Mexico Institute of Mining and Technology (NM Tech) for expenditure in FY 2008 for the following purposes:

- 1) \$25,000 to provide a one-week, in-depth- summer science of energy program for students in the southeast region of the state in conjunction with the Center for Environmental Monitoring at the Carlsbad Branch of NMSU, the Roswell Branch of ENMU, and the New Mexico Military Institute;
- 2) \$40,000 for a science and engineering summer course to prepare sophomores and juniors to succeed in related college classes;
- 3) \$20,000 to provide staff professional development in math, engineering, science, and technically related fields through classes, workshops and professional conferences; and
- 4) \$126,000 to expand the Mathematics, Engineering and Science Achievement (MESA) program into seven new public schools.

SB 424 - MATH, ENGINEERING & SCIENCE PROGRAM

HB 20 – SANTA FE TEACHER SCIENCE INSTRUCTION

HB 45 - NM TECH SUMMER SCIENCE PROGRAM

HB 109 - NMSU SCIENCE, TECHNOLOGY & MATH OUTREACH

HB 111 - SCIENCE EDUCATION & TEACHER OUTREACH PROGRAM

HB 129 - MIDDLE SCHOOL TEACHER SCIENCE & MATH TRAINING

HB 147 - MINORITY PRE-COLLEGE STUDENT MATH & SCIENCES

HB 220 - MATHEMATICS & SCIENCE EDUCATION ACT  
HB 225 - ALBUQUERQUE SCIENCE & ENGINEERING FAIR  
HB 369 - OUTDOOR CLASSROOM PROGRAM  
HB 367 - ALBUQUERQUE SCIENCE & ENGINEERING FAIR  
SB 24 - NMSU SCIENCE, TECHNOLOGY & MATH PROGRAMS  
SB 29 – SCIENCE EDUCATION & TEACHER OUTREACH PROGRAM  
SB 32 – NMSU PRE-FRESHMEN ENGINEERING PROGRAM  
SB 40 – NMSU SPACE CONSORTIUM & OUTREACH PROGRAM  
SB 75 – NM TECH SUMMER SCIENCE PROGRAM  
SB 131 – ALBUQUERQUE SCIENCE & ENGINEERING FAIR  
SB 140 – MIDDLE SCHOOL TEACHER SCIENCE & MATH TRAINING  
SB 253 – SCIENCE EDUCATION & TEACHER OUTREACH  
SB 256 – NORTHERN NEW MEXICO NETWORK  
SB 358 - SOUTHEAST NM MATH CAREER INITIATIVE

**OTHER SUBSTANTIVE ISSUES**

The Carlsbad Environmental Monitoring & Research Center was created in 1991, as a division of the Waste-Management Education & Research Consortium (WERC), in the College of Engineering at New Mexico State University. On September 1, 1999, the Center became a direct part of the College of Engineering, at NMSU. The Center was established with a grant entitled "Carlsbad Environmental Monitoring and Research Program" (CEMRP) from DOE to NMSU. The CEMRP was funded initially for \$27 million over a seven-year period (1991-1998). Subsequently, the grant was increased to almost \$33 million, and the grant period was extended to 2008

BM/mt